

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-722-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25551 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 90088.2 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 12775.8 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 21953.1 lumens
Field Efficiency: 85.9%

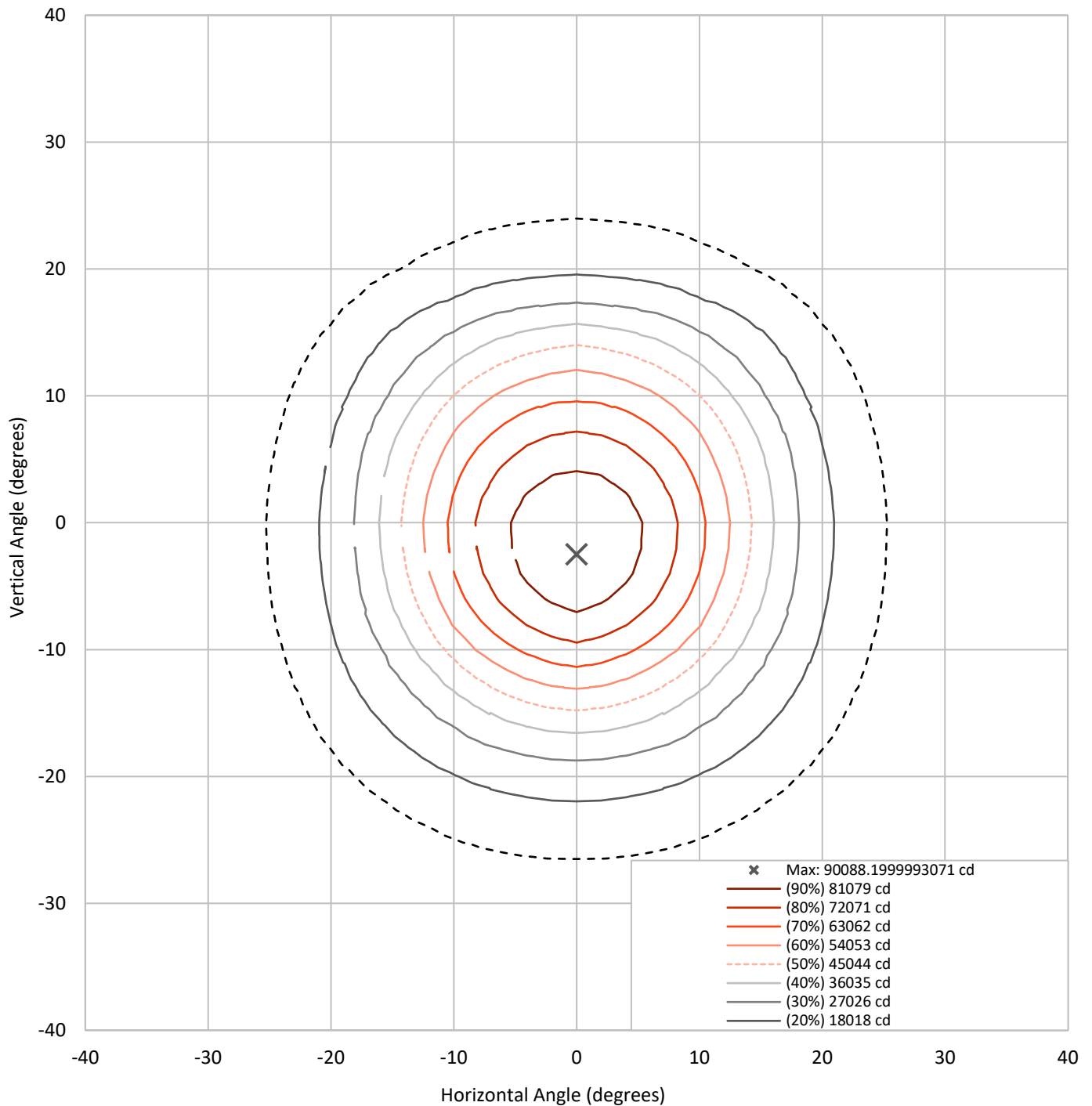
Input Watts (W): 247.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

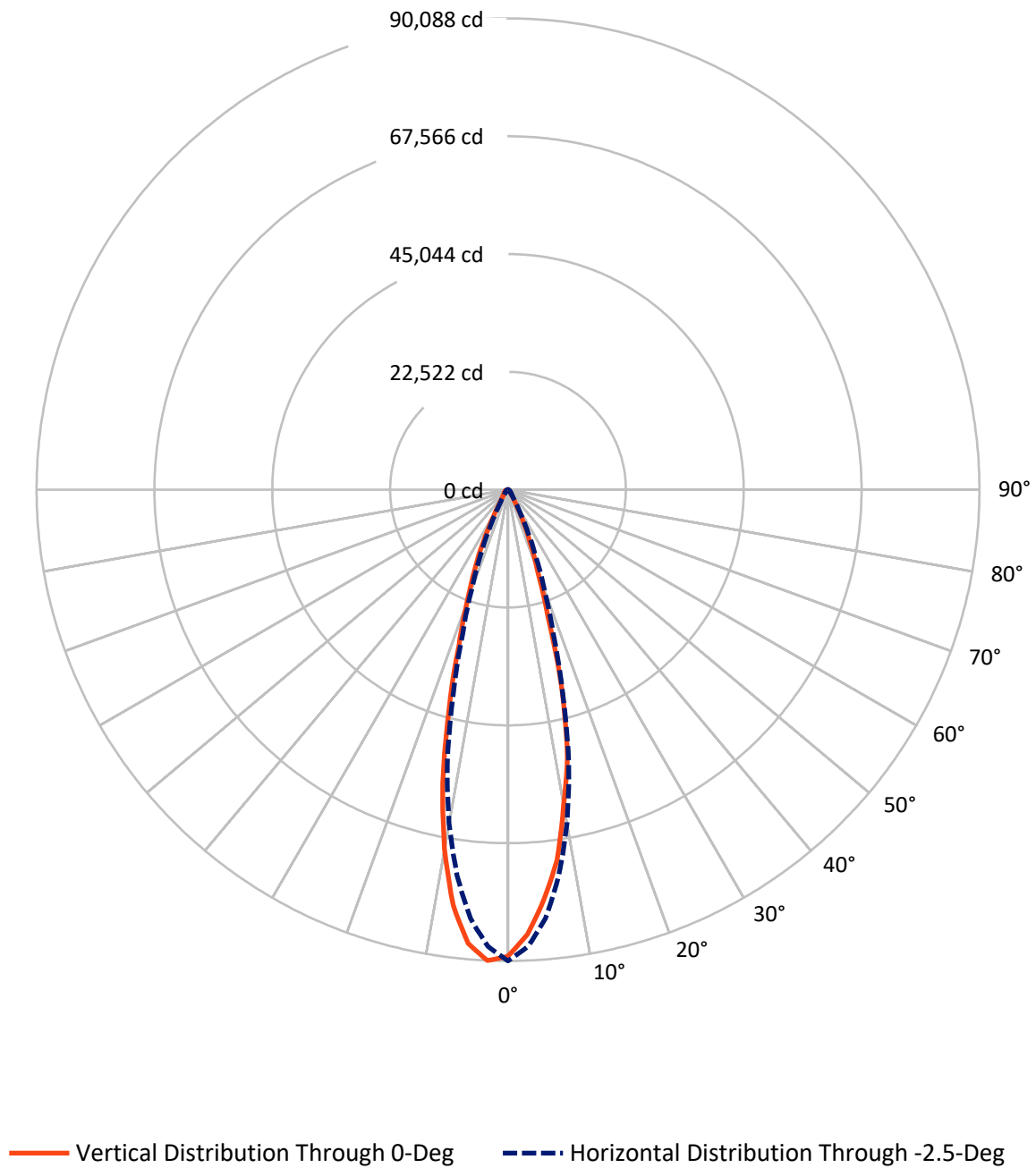
CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.7	1.7	2.9	4.0	4.8	4.8	4.0	2.9	1.7	0.7	0.1	0.0				
40	0.1	0.1	0.9	2.8	5.4	8.3	11.6	13.6	13.6	11.6	8.3	5.4	2.8	0.9	0.1	0.1			
30		0.4	2.2	5.5	10.1	16.5	27.6	36.8	36.8	27.6	16.5	10.1	5.5	2.2	0.4				
20	0.2	0.8	3.4	8.3	15.9	38.6	121.3	222.4	222.4	121.3	38.6	15.9	8.3	3.4	0.8	0.2			
10		1.3	4.8	11.4	27.2	133.1	541.1	1059.5	1059.5	541.1	133.1	27.2	11.4	4.8	1.3				
0	0.4	1.6	5.8	13.5	39.0	253.6	1092.6	2141.5	2141.5	1092.6	253.6	39.0	13.5	5.8	1.6	0.4			
-10		1.9	6.3	14.3	41.7	265.7	1121.1	2270.8	2270.8	1121.1	265.7	41.7	14.3	6.3	1.9				
-20	0.5	2.0	6.4	13.9	34.3	163.2	620.0	1201.7	1201.7	620.0	163.2	34.3	13.9	6.4	2.0	0.5			
-30		1.9	6.1	12.7	25.1	63.4	192.0	342.5	342.5	192.0	63.4	25.1	12.7	6.1	1.9				
-40	0.5	1.7	5.4	11.0	19.1	31.3	51.0	68.3	68.3	51.0	31.3	19.1	11.0	5.4	1.7	0.5			
-50		1.4	4.5	9.1	15.0	21.5	28.4	31.8	31.8	28.4	21.5	15.0	9.1	4.5	1.4				
-60	0.3	1.1	3.4	7.1	11.8	16.4	20.5	22.3	22.3	20.5	16.4	11.8	7.1	3.4	1.1	0.3			
-70		0.7	2.1	4.7	7.9	11.1	14.0	15.5	15.5	14.0	11.1	7.9	4.7	2.1	0.7				
-80	0.1	1.7	7.6	16.3	20.6	16.3	7.6	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

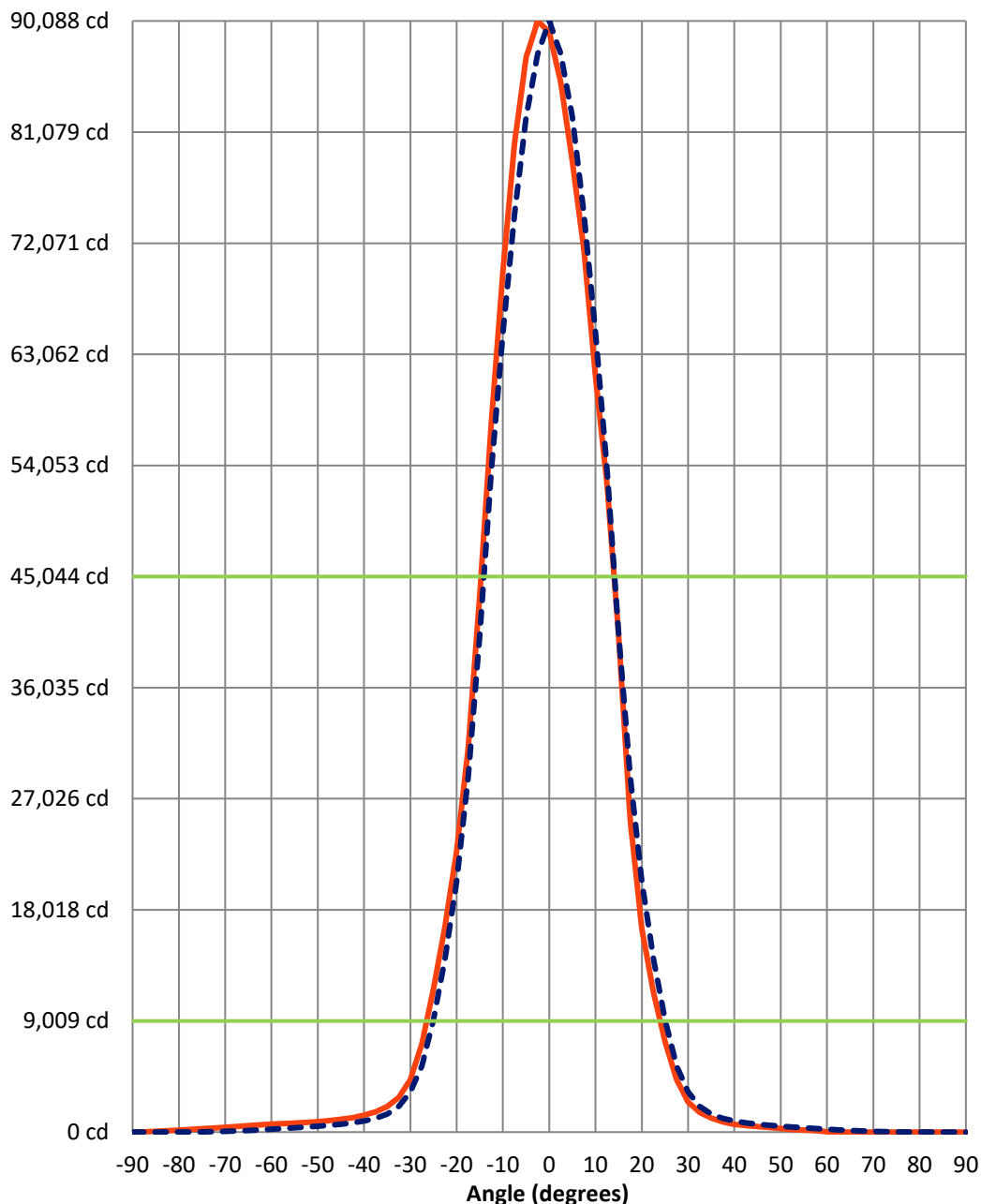
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 12775.8
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 21953.1
 Efficiency: 85.9%

Spill:
 Lumens: 3598
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	3	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	6	5	5
45°	0	0	0	0	0	2	3	5	6	5	6
42.5°	0	0	0	0	0	2	4	6	6	6	9
40°	0	0	0	0	0	3	5	6	6	6	14
37.5°	0	0	0	0	1	4	5	6	7	8	19
35°	0	0	0	0	1	5	5	6	8	14	24
32.5°	0	0	0	0	2	5	6	6	10	19	31
30°	0	0	0	0	3	5	6	6	13	24	38
27.5°	0	0	0	0	3	5	6	8	16	29	45
25°	0	0	0	0	4	6	6	10	20	34	53
22.5°	0	0	0	0	4	6	6	12	24	41	63
20°	0	0	0	0	4	6	6	14	28	47	73
17.5°	0	0	0	0	5	6	6	17	31	53	82
15°	0	0	0	0	5	6	7	19	34	60	90
12.5°	0	0	0	0	5	6	7	22	37	66	97
10°	0	0	0	0	5	6	8	25	41	72	104
7.5°	0	0	0	0	6	6	9	27	44	77	110
5°	0	0	0	0	6	6	10	30	46	82	116
2.5°	0	0	0	0	6	6	11	32	49	87	120
0°	0	0	0	0	6	6	11	34	51	91	125
-2.5°	0	0	0	0	6	6	14	35	56	94	128
-5°	0	0	0	1	6	7	16	35	61	97	131
-7.5°	0	0	0	1	6	7	18	36	64	99	134
-10°	0	0	0	1	5	8	19	36	67	100	135
-12.5°	0	0	0	2	5	8	21	36	69	102	138
-15°	0	0	0	2	5	9	22	36	70	103	141
-17.5°	0	0	0	2	5	9	22	38	69	104	142
-20°	0	0	0	2	5	9	23	39	68	104	142

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REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	3	5	9	23	41	66	102	140
-25°	0	0	0	3	5	10	24	42	65	100	136
-27.5°	0	0	0	3	6	10	24	42	63	97	133
-30°	0	0	0	3	6	11	23	42	62	94	129
-32.5°	0	0	0	2	6	11	23	42	62	90	124
-35°	0	0	0	2	7	11	23	41	61	87	117
-37.5°	0	0	0	2	7	12	23	40	60	83	114
-40°	0	0	0	2	7	12	23	39	58	81	111
-42.5°	0	0	0	1	7	12	22	37	56	78	107
-45°	0	0	0	1	7	12	21	36	54	75	102
-47.5°	0	0	0	1	7	12	20	34	51	70	97
-50°	0	0	0	1	6	12	19	32	48	67	90
-52.5°	0	0	0	1	6	11	19	30	45	62	83
-55°	0	0	0	1	5	11	18	27	41	58	77
-57.5°	0	0	0	1	5	10	16	25	37	53	70
-60°	0	0	0	1	4	9	15	23	33	47	63
-62.5°	0	0	0	1	4	9	14	20	30	42	56
-65°	0	0	0	1	4	8	13	18	27	37	49
-67.5°	0	0	0	1	4	7	12	17	23	33	43
-70°	0	0	0	1	3	7	10	15	20	28	37
-72.5°	0	0	0	1	3	6	9	13	17	23	31
-75°	0	0	0	1	3	5	8	11	14	19	25
-77.5°	0	0	0	1	2	4	7	9	11	14	18
-80°	0	0	0	1	2	4	6	7	9	11	13
-82.5°	0	0	0	1	1	3	4	5	6	7	9
-85°	0	0	0	0	1	2	3	3	4	4	5
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	1	2
60°	0	0	1	1	1	3	3	5	5	5	12
57.5°	1	1	3	3	4	6	9	11	18	26	31
55°	2	4	5	5	8	13	18	28	38	50	60
52.5°	4	6	5	9	17	25	36	50	65	76	85
50°	5	7	7	18	28	41	59	77	90	101	117
47.5°	8	9	17	29	44	63	86	102	114	135	158
45°	11	16	28	43	63	89	109	124	146	170	195
42.5°	15	25	40	57	87	113	132	154	177	204	230
40°	22	34	54	80	111	135	160	184	209	240	268
37.5°	29	47	70	102	133	161	188	216	246	279	311
35°	36	60	88	121	154	187	217	249	286	323	360
32.5°	46	73	105	140	175	212	246	287	326	365	411
30°	58	88	121	159	195	235	278	323	362	407	455
27.5°	71	101	137	176	214	257	309	354	397	445	498
25°	83	115	153	192	234	283	338	385	429	483	546
22.5°	94	128	170	206	253	309	366	418	469	521	595
20°	105	143	186	226	271	334	394	452	511	578	659
17.5°	116	157	202	246	297	358	422	486	552	634	735
15°	126	169	217	266	320	383	449	521	597	692	809
12.5°	136	181	232	283	340	405	474	548	637	751	895
10°	144	192	247	300	358	425	495	572	668	791	960
7.5°	152	201	260	314	373	442	514	593	694	824	1012
5°	159	211	269	325	386	456	528	611	715	851	1053
2.5°	165	220	277	333	395	465	538	622	729	875	1085
0°	170	227	284	340	403	471	544	630	737	896	1106
-2.5°	176	234	290	347	410	477	551	636	747	902	1111
-5°	180	240	295	353	416	480	554	639	752	903	1114
-7.5°	183	244	299	356	420	484	557	642	755	902	1113
-10°	185	247	302	360	423	487	557	641	751	892	1094
-12.5°	188	248	303	361	425	488	555	636	740	875	1059
-15°	190	248	303	361	424	487	551	626	724	853	1013
-17.5°	191	247	302	358	421	484	544	616	708	828	982
-20°	191	246	299	352	415	479	539	608	693	800	938

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REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	190	244	295	347	408	470	531	596	675	765	888
-25°	187	241	291	343	399	459	520	580	655	741	846
-27.5°	182	236	286	336	390	446	506	566	634	713	803
-30°	175	229	279	329	381	434	489	549	610	683	766
-32.5°	167	221	270	319	371	422	472	529	589	651	726
-35°	160	211	260	307	359	408	455	506	564	623	686
-37.5°	155	201	249	294	343	392	437	484	536	594	651
-40°	149	190	238	282	326	375	419	461	508	564	619
-42.5°	142	182	225	269	311	355	401	441	485	536	588
-45°	136	174	213	255	297	336	379	422	465	510	558
-47.5°	129	164	203	240	281	321	358	399	443	486	529
-50°	120	154	189	224	262	303	341	376	416	459	501
-52.5°	111	143	175	208	243	281	320	357	391	428	468
-55°	100	130	161	191	222	258	295	332	368	401	436
-57.5°	90	115	145	174	203	233	268	304	338	372	407
-60°	81	102	127	156	184	212	242	275	308	340	371
-62.5°	71	90	111	136	163	190	218	246	276	304	331
-65°	63	78	96	117	140	164	190	217	244	267	288
-67.5°	54	67	82	99	119	139	159	183	208	229	248
-70°	46	56	68	82	98	115	133	152	171	189	208
-72.5°	39	47	56	65	79	94	109	124	139	156	172
-75°	32	38	46	54	63	75	87	101	114	126	139
-77.5°	24	30	36	42	49	58	68	79	89	100	110
-80°	17	22	28	33	38	43	50	57	64	72	81
-82.5°	12	15	19	23	26	30	33	37	43	49	55
-85°	7	8	11	14	15	17	19	21	24	28	31
-87.5°	3	4	5	6	7	7	8	8	9	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	1	1	1	0	0
62.5°	2	2	4	6	6	7	7	8	8	8	8
60°	14	14	21	26	25	20	28	32	31	26	26
57.5°	40	50	57	60	67	79	83	81	82	86	96
55°	70	77	83	94	106	117	125	131	138	145	154
52.5°	95	108	117	129	144	153	158	173	187	198	204
50°	135	148	164	179	194	207	219	235	253	273	285
47.5°	177	195	214	237	253	266	281	303	328	351	365
45°	217	237	261	283	301	320	342	368	394	417	435
42.5°	252	275	300	325	342	370	401	428	460	490	512
40°	292	315	352	378	400	430	475	515	553	589	612
37.5°	342	379	419	450	481	518	580	642	690	738	773
35°	400	445	494	529	574	644	721	806	890	958	1019
32.5°	455	505	555	611	680	779	876	1011	1136	1264	1385
30°	505	561	623	694	805	943	1101	1308	1532	1756	2011
27.5°	558	619	693	806	975	1162	1454	1780	2244	2618	3220
25°	615	684	784	965	1198	1527	2038	2619	3580	4400	5325
22.5°	684	791	932	1159	1548	2141	2935	4201	5676	7046	8352
20°	769	914	1156	1517	2075	2987	4493	6413	8464	10469	12407
17.5°	882	1112	1457	1971	2762	4679	6920	9664	13176	15814	18316
15°	985	1276	1798	2630	4119	6586	9718	13919	18647	22623	27120
12.5°	1107	1459	2087	3166	5294	8555	12548	17558	23154	29189	36233
10°	1213	1645	2455	3939	6521	10316	14790	20672	27859	36398	45302
7.5°	1295	1801	2761	4519	7554	11760	17097	24251	33354	43334	53488
5°	1358	1922	3002	4973	8433	12933	18781	27082	37459	48914	59010
2.5°	1408	2007	3162	5253	9027	13734	19933	28588	39970	52557	63158
0°	1446	2059	3250	5451	9303	14113	20466	29196	41147	54341	65243
-2.5°	1460	2086	3255	5382	9135	14090	20341	28823	40335	53632	64801
-5°	1465	2072	3173	5239	8837	13584	19527	27407	37856	50328	61646
-7.5°	1454	2017	3006	4888	8169	12692	18390	25306	33871	44868	56565
-10°	1415	1920	2781	4412	7249	11300	16619	22463	29305	38282	47762
-12.5°	1344	1776	2470	3699	6166	9724	14434	19601	24933	30832	38630
-15°	1259	1627	2216	3266	5163	8069	11883	16246	20672	25190	29946
-17.5°	1195	1499	1956	2689	3964	6314	9364	12870	16460	20048	23251
-20°	1113	1345	1702	2272	3198	4589	6882	9611	12293	15219	17674

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1040	1237	1504	1864	2486	3465	4773	6694	8732	10857	12873
-25°	971	1120	1332	1621	1993	2575	3439	4443	5874	7180	8677
-27.5°	913	1038	1182	1395	1677	1996	2526	3112	3863	4486	5485
-30°	857	957	1076	1213	1420	1662	1947	2302	2669	3037	3516
-32.5°	805	888	982	1093	1220	1402	1579	1807	2008	2229	2457
-35°	753	828	905	992	1091	1211	1343	1494	1628	1761	1881
-37.5°	709	771	839	908	987	1070	1174	1281	1371	1457	1531
-40°	672	724	779	837	900	968	1049	1127	1188	1244	1291
-42.5°	638	684	727	776	829	891	954	1014	1055	1094	1125
-45°	606	645	685	725	768	822	876	923	955	985	1008
-47.5°	571	607	643	680	721	764	807	842	871	896	913
-50°	537	572	605	635	672	711	748	778	803	825	837
-52.5°	504	538	571	602	632	662	691	720	746	768	777
-55°	472	505	535	564	593	621	648	672	696	717	724
-57.5°	440	474	505	529	554	579	605	629	651	671	678
-60°	404	438	466	489	513	537	559	581	603	622	630
-62.5°	362	393	417	440	462	483	503	523	542	558	567
-65°	311	338	362	384	404	423	442	459	476	488	496
-67.5°	267	287	308	327	348	366	383	399	413	424	431
-70°	226	243	261	279	297	314	328	342	356	365	372
-72.5°	187	203	219	235	251	265	278	290	302	310	317
-75°	152	165	179	193	207	218	228	238	248	255	261
-77.5°	121	131	141	151	162	171	179	187	195	201	206
-80°	89	98	106	113	121	127	133	140	146	151	156
-82.5°	61	67	73	79	85	89	92	95	98	102	106
-85°	35	39	43	46	50	53	55	57	60	62	64
-87.5°	14	16	17	19	21	21	21	22	22	24	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	7	6	6	6	6	6	7	8	8	8	8
60°	25	23	22	23	22	23	25	26	26	31	32
57.5°	106	113	118	119	118	113	106	96	86	82	81
55°	161	166	167	165	167	166	161	154	145	138	131
52.5°	208	209	207	204	207	209	208	204	198	187	173
50°	288	288	288	289	288	288	288	285	273	253	235
47.5°	371	375	376	374	376	375	371	365	351	328	303
45°	443	449	451	448	451	449	443	435	417	394	368
42.5°	521	524	526	528	526	524	521	512	490	460	428
40°	623	627	626	624	626	627	623	612	589	553	515
37.5°	796	808	813	828	813	808	796	773	738	690	642
35°	1065	1095	1110	1135	1110	1095	1065	1019	958	890	806
32.5°	1472	1531	1562	1594	1562	1531	1472	1385	1264	1136	1011
30°	2188	2305	2352	2439	2352	2305	2188	2011	1756	1532	1308
27.5°	3662	3939	4049	4277	4049	3939	3662	3220	2618	2244	1780
25°	6168	6766	7096	7357	7096	6766	6168	5325	4400	3580	2619
22.5°	9671	10547	11016	11362	11016	10547	9671	8352	7046	5676	4201
20°	14164	15321	16011	16512	16011	15321	14164	12407	10469	8464	6413
17.5°	21527	23345	24408	25321	24408	23345	21527	18316	15814	13176	9664
15°	32138	35791	38630	40211	38630	35791	32138	27120	22623	18647	13919
12.5°	42460	47811	50990	52452	50990	47811	42460	36233	29189	23154	17558
10°	52669	57714	60738	61273	60738	57714	52669	45302	36398	27859	20672
7.5°	60484	66032	70051	71511	70051	66032	60484	53488	43334	33354	24251
5°	67387	73883	78136	78676	78136	73883	67387	59010	48914	37459	27082
2.5°	72464	79527	83651	85068	83651	79527	72464	63158	52557	39970	28588
0°	74920	82527	87116	89181	87116	82527	74920	65243	54341	41147	29196
-2.5°	74404	82271	87393	90088	87393	82271	74404	64801	53632	40335	28823
-5°	71575	79465	84241	87105	84241	79465	71575	61646	50328	37856	27407
-7.5°	65051	72430	77514	80156	77514	72430	65051	56565	44868	33871	25306
-10°	56644	62889	67523	69776	67523	62889	56644	47762	38282	29305	22463
-12.5°	45721	51778	55959	57552	55959	51778	45721	38630	30832	24933	19601
-15°	35030	39653	42623	43564	42623	39653	35030	29946	25190	20672	16246
-17.5°	26565	29054	30725	31175	30725	29054	26565	23251	20048	16460	12870
-20°	19902	21445	22529	22786	22529	21445	19902	17674	15219	12293	9611

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14501	15661	16536	16711	16536	15661	14501	12873	10857	8732	6694
-25°	10003	10973	11566	11611	11566	10973	10003	8677	7180	5874	4443
-27.5°	6271	6804	7079	7176	7079	6804	6271	5485	4486	3863	3112
-30°	3875	4121	4250	4254	4250	4121	3875	3516	3037	2669	2302
-32.5°	2631	2749	2814	2814	2814	2749	2631	2457	2229	2008	1807
-35°	1971	2032	2067	2070	2067	2032	1971	1881	1761	1628	1494
-37.5°	1585	1619	1636	1639	1636	1619	1585	1531	1457	1371	1281
-40°	1325	1348	1363	1373	1363	1348	1325	1291	1244	1188	1127
-42.5°	1146	1161	1168	1163	1168	1161	1146	1125	1094	1055	1014
-45°	1021	1030	1036	1038	1036	1030	1021	1008	985	955	923
-47.5°	921	926	929	930	929	926	921	913	896	871	842
-50°	843	847	848	845	848	847	843	837	825	803	778
-52.5°	780	781	782	783	782	781	780	777	768	746	720
-55°	728	730	731	732	731	730	728	724	717	696	672
-57.5°	684	689	689	686	689	689	684	678	671	651	629
-60°	638	643	646	647	646	643	638	630	622	603	581
-62.5°	575	581	584	584	584	581	575	567	558	542	523
-65°	502	507	515	522	515	507	502	496	488	476	459
-67.5°	436	440	447	454	447	440	436	431	424	413	399
-70°	378	384	385	386	385	384	378	372	365	356	342
-72.5°	322	327	329	329	329	327	322	317	310	302	290
-75°	266	271	272	272	272	271	266	261	255	248	238
-77.5°	210	214	215	216	215	214	210	206	201	195	187
-80°	160	164	161	159	161	164	160	156	151	146	140
-82.5°	109	113	110	108	110	113	109	106	102	98	95
-85°	66	68	65	62	65	68	66	64	62	60	57
-87.5°	27	28	26	23	26	28	27	25	24	22	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	7	6	6	4	2	2	2	1	1	1
60°	28	20	25	26	21	14	14	12	5	5	5
57.5°	83	79	67	60	57	50	40	31	26	18	11
55°	125	117	106	94	83	77	70	60	50	38	28
52.5°	158	153	144	129	117	108	95	85	76	65	50
50°	219	207	194	179	164	148	135	117	101	90	77
47.5°	281	266	253	237	214	195	177	158	135	114	102
45°	342	320	301	283	261	237	217	195	170	146	124
42.5°	401	370	342	325	300	275	252	230	204	177	154
40°	475	430	400	378	352	315	292	268	240	209	184
37.5°	580	518	481	450	419	379	342	311	279	246	216
35°	721	644	574	529	494	445	400	360	323	286	249
32.5°	876	779	680	611	555	505	455	411	365	326	287
30°	1101	943	805	694	623	561	505	455	407	362	323
27.5°	1454	1162	975	806	693	619	558	498	445	397	354
25°	2038	1527	1198	965	784	684	615	546	483	429	385
22.5°	2935	2141	1548	1159	932	791	684	595	521	469	418
20°	4493	2987	2075	1517	1156	914	769	659	578	511	452
17.5°	6920	4679	2762	1971	1457	1112	882	735	634	552	486
15°	9718	6586	4119	2630	1798	1276	985	809	692	597	521
12.5°	12548	8555	5294	3166	2087	1459	1107	895	751	637	548
10°	14790	10316	6521	3939	2455	1645	1213	960	791	668	572
7.5°	17097	11760	7554	4519	2761	1801	1295	1012	824	694	593
5°	18781	12933	8433	4973	3002	1922	1358	1053	851	715	611
2.5°	19933	13734	9027	5253	3162	2007	1408	1085	875	729	622
0°	20466	14113	9303	5451	3250	2059	1446	1106	896	737	630
-2.5°	20341	14090	9135	5382	3255	2086	1460	1111	902	747	636
-5°	19527	13584	8837	5239	3173	2072	1465	1114	903	752	639
-7.5°	18390	12692	8169	4888	3006	2017	1454	1113	902	755	642
-10°	16619	11300	7249	4412	2781	1920	1415	1094	892	751	641
-12.5°	14434	9724	6166	3699	2470	1776	1344	1059	875	740	636
-15°	11883	8069	5163	3266	2216	1627	1259	1013	853	724	626
-17.5°	9364	6314	3964	2689	1956	1499	1195	982	828	708	616
-20°	6882	4589	3198	2272	1702	1345	1113	938	800	693	608

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4773	3465	2486	1864	1504	1237	1040	888	765	675	596
-25°	3439	2575	1993	1621	1332	1120	971	846	741	655	580
-27.5°	2526	1996	1677	1395	1182	1038	913	803	713	634	566
-30°	1947	1662	1420	1213	1076	957	857	766	683	610	549
-32.5°	1579	1402	1220	1093	982	888	805	726	651	589	529
-35°	1343	1211	1091	992	905	828	753	686	623	564	506
-37.5°	1174	1070	987	908	839	771	709	651	594	536	484
-40°	1049	968	900	837	779	724	672	619	564	508	461
-42.5°	954	891	829	776	727	684	638	588	536	485	441
-45°	876	822	768	725	685	645	606	558	510	465	422
-47.5°	807	764	721	680	643	607	571	529	486	443	399
-50°	748	711	672	635	605	572	537	501	459	416	376
-52.5°	691	662	632	602	571	538	504	468	428	391	357
-55°	648	621	593	564	535	505	472	436	401	368	332
-57.5°	605	579	554	529	505	474	440	407	372	338	304
-60°	559	537	513	489	466	438	404	371	340	308	275
-62.5°	503	483	462	440	417	393	362	331	304	276	246
-65°	442	423	404	384	362	338	311	288	267	244	217
-67.5°	383	366	348	327	308	287	267	248	229	208	183
-70°	328	314	297	279	261	243	226	208	189	171	152
-72.5°	278	265	251	235	219	203	187	172	156	139	124
-75°	228	218	207	193	179	165	152	139	126	114	101
-77.5°	179	171	162	151	141	131	121	110	100	89	79
-80°	133	127	121	113	106	98	89	81	72	64	57
-82.5°	92	89	85	79	73	67	61	55	49	43	37
-85°	55	53	50	46	43	39	35	31	28	24	21
-87.5°	21	21	21	19	17	16	14	12	11	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	3	1	1	1	0	0	2	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	18	13	8	5	5	4	2	2	4	3	0
52.5°	36	25	17	9	5	6	4	3	4	4	2
50°	59	41	28	18	7	7	5	4	4	5	3
47.5°	86	63	44	29	17	9	8	5	5	6	4
45°	109	89	63	43	28	16	11	6	5	6	5
42.5°	132	113	87	57	40	25	15	9	6	6	6
40°	160	135	111	80	54	34	22	14	6	6	6
37.5°	188	161	133	102	70	47	29	19	8	7	6
35°	217	187	154	121	88	60	36	24	14	8	6
32.5°	246	212	175	140	105	73	46	31	19	10	6
30°	278	235	195	159	121	88	58	38	24	13	6
27.5°	309	257	214	176	137	101	71	45	29	16	8
25°	338	283	234	192	153	115	83	53	34	20	10
22.5°	366	309	253	206	170	128	94	63	41	24	12
20°	394	334	271	226	186	143	105	73	47	28	14
17.5°	422	358	297	246	202	157	116	82	53	31	17
15°	449	383	320	266	217	169	126	90	60	34	19
12.5°	474	405	340	283	232	181	136	97	66	37	22
10°	495	425	358	300	247	192	144	104	72	41	25
7.5°	514	442	373	314	260	201	152	110	77	44	27
5°	528	456	386	325	269	211	159	116	82	46	30
2.5°	538	465	395	333	277	220	165	120	87	49	32
0°	544	471	403	340	284	227	170	125	91	51	34
-2.5°	551	477	410	347	290	234	176	128	94	56	35
-5°	554	480	416	353	295	240	180	131	97	61	35
-7.5°	557	484	420	356	299	244	183	134	99	64	36
-10°	557	487	423	360	302	247	185	135	100	67	36
-12.5°	555	488	425	361	303	248	188	138	102	69	36
-15°	551	487	424	361	303	248	190	141	103	70	36
-17.5°	544	484	421	358	302	247	191	142	104	69	38
-20°	539	479	415	352	299	246	191	142	104	68	39

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	531	470	408	347	295	244	190	140	102	66	41
-25°	520	459	399	343	291	241	187	136	100	65	42
-27.5°	506	446	390	336	286	236	182	133	97	63	42
-30°	489	434	381	329	279	229	175	129	94	62	42
-32.5°	472	422	371	319	270	221	167	124	90	62	42
-35°	455	408	359	307	260	211	160	117	87	61	41
-37.5°	437	392	343	294	249	201	155	114	83	60	40
-40°	419	375	326	282	238	190	149	111	81	58	39
-42.5°	401	355	311	269	225	182	142	107	78	56	37
-45°	379	336	297	255	213	174	136	102	75	54	36
-47.5°	358	321	281	240	203	164	129	97	70	51	34
-50°	341	303	262	224	189	154	120	90	67	48	32
-52.5°	320	281	243	208	175	143	111	83	62	45	30
-55°	295	258	222	191	161	130	100	77	58	41	27
-57.5°	268	233	203	174	145	115	90	70	53	37	25
-60°	242	212	184	156	127	102	81	63	47	33	23
-62.5°	218	190	163	136	111	90	71	56	42	30	20
-65°	190	164	140	117	96	78	63	49	37	27	18
-67.5°	159	139	119	99	82	67	54	43	33	23	17
-70°	133	115	98	82	68	56	46	37	28	20	15
-72.5°	109	94	79	65	56	47	39	31	23	17	13
-75°	87	75	63	54	46	38	32	25	19	14	11
-77.5°	68	58	49	42	36	30	24	18	14	11	9
-80°	50	43	38	33	28	22	17	13	11	9	7
-82.5°	33	30	26	23	19	15	12	9	7	6	5
-85°	19	17	15	14	11	8	7	5	4	4	3
-87.5°	8	7	7	6	5	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	5	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	5	1	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	5	3	0	0	0	0
27.5°	6	5	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	4	0	0	0	0
17.5°	6	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	7	6	5	0	0	0	0
10°	8	6	5	0	0	0	0
7.5°	9	6	6	0	0	0	0
5°	10	6	6	0	0	0	0
2.5°	11	6	6	0	0	0	0
0°	11	6	6	0	0	0	0
-2.5°	14	6	6	0	0	0	0
-5°	16	7	6	1	0	0	0
-7.5°	18	7	6	1	0	0	0
-10°	19	8	5	1	0	0	0
-12.5°	21	8	5	2	0	0	0
-15°	22	9	5	2	0	0	0
-17.5°	22	9	5	2	0	0	0
-20°	23	9	5	2	0	0	0

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REPORT NUMBER: P627844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23	9	5	3	0	0	0
-25°	24	10	5	3	0	0	0
-27.5°	24	10	6	3	0	0	0
-30°	23	11	6	3	0	0	0
-32.5°	23	11	6	2	0	0	0
-35°	23	11	7	2	0	0	0
-37.5°	23	12	7	2	0	0	0
-40°	23	12	7	2	0	0	0
-42.5°	22	12	7	1	0	0	0
-45°	21	12	7	1	0	0	0
-47.5°	20	12	7	1	0	0	0
-50°	19	12	6	1	0	0	0
-52.5°	19	11	6	1	0	0	0
-55°	18	11	5	1	0	0	0
-57.5°	16	10	5	1	0	0	0
-60°	15	9	4	1	0	0	0
-62.5°	14	9	4	1	0	0	0
-65°	13	8	4	1	0	0	0
-67.5°	12	7	4	1	0	0	0
-70°	10	7	3	1	0	0	0
-72.5°	9	6	3	1	0	0	0
-75°	8	5	3	1	0	0	0
-77.5°	7	4	2	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	4	3	1	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)